LDF

PAD048603005

BOYERTOWN SANITARY DISPOS

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CEI S PAJPM

FACILITY IS CLOSED & NO LONGER TRANSPORTS H/W

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BOYERTOWN SANITARY DISPOS

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BOYERTOWN SANITARY DISPOS

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MORE

TFVIOL HHANDLER	ENFOR DATE	ENFOR TYPE	VIOL NUM	DATE DET
BOYERTOWN SANITARY DISPOS	11/12/1996	120	S0023 S0019	05/04/95 07/26/94
	03/25/1997	510	S0030 S0029 S0028 S0027 S0026 S0024 S0023 S0022 S0020 S0019 S0017	10/23/95 10/23/95 03/17/95 04/25/95 03/23/95 03/17/95 05/04/95 03/17/95 08/18/93 07/26/94

END OF REPORT

MORE =>



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

- Please note our new name -

### DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP

Suite 6010 Lee Park 555 North Lane Conshohocken, PA 19428 August 17, 1995

Certified Return Receipt # P303100819

(610)832-6212 Fax: (610)832-6259

Southeast Regional Office Waste Management Program

### NOTICE OF INTENT TO FORFEIT BOND

### NOTICE OF VIOLATION

Mr. Warren Frame
President
Boyertown Sanitary Disposal Co., Inc.
1205 Pottstown Pike
Glenmoore, PA 19343

RE: Irrevocable Letter of Credit # 79480,
dated Sept. 3, 1987
Held by Boyertown Sanitary Disposal
Co., Inc.
Permit # 100550
Boyertown Landfill
300 Merkel Road
Gilbertsville
Montgomery County

Dear Mr. Frame:

This letter serves as Notice of Violation and as Notice of Intent to Forfeit the bond for the above referenced facility.

Department inspections have revealed that Boyertown Sanitary Disposal Co., Inc. ('B.S.D.') is operating in violation of the Clean Streams Law, Act of June 22, 1937, P.L. 1987, as amended, 35 P.S.

- \$691.1 <u>et seq.</u>, ("CSL"); the Pennsylvania Solid Waste Management Act, Act of July 7, 1980, P.L. 380, <u>as amended</u>, 35 P.S. \$6018.101, <u>et. seq.</u>, ("SWMA"); the Rules and Regulations promulgated thereunder, and the conditions of Solid Waste Permit #100550 as follows:
- A. B.S.D. failed to conduct groundwater monitoring at the Boyertown Landfill ("landfill") for the four quarters of 1993, four quarters of 1994, and the first two quarters of 1995; a total of 10 groundwater monitoring events which were not carried out. This is contrary to 25 Pa. Code §§ 265.92(e)(2), 273.284, 273.201(c), and condition number 2 of the Department's Solid Waste Management Permit No. 100550 amended 1/20/81.
- B. Locking caps and identification numbers were observed to not be in place on two groundwater monitoring wells located on the landfill, contrary to 25 Pa. Code §§ 265.91(d), and 273.283(b)(4) and (6). In particular, an unlabelled and unlocked well was observed located on the north side of the landfill's leachate treatment plant, and monitoring well #9 was observed to have no lock.
- C. Inspections conducted by the Department at the landfill on March 8, 17, 22, 23, April 3, 13, 25, May 2 and 4, 1995 revealed that B.S.D. failed to maintain two feet of freeboard in the raw leachate surface impoundment as a means to prevent any overtopping of the dike by overfilling, wave action or a storm. This is contrary to 25 Pa. Code \$265.222.
- D. An inspection conducted by the Department at the landfill on March 17, 1995 revealed:
- 1.) Raw leachate from the surface impoundment was overflowing the berm of the lagoon onto the ground, and posing a threat to Minister Creek, a water of the Commonwealth. This is contrary to 25

Pa. Code §§ 265.222, 101.2, 101.3, and constitutes unpermitted disposal of hazardous waste pursuant to 25 Pa. Code §270.1(a).

- 2.) B.S.D. failed to notify the Department of the hazardous waste leachate spill, contrary to 35 P.S. §§ 6018.403(b)(12), and 25 Pa. Code §§ 101.2 and 262.46 (a).
- 3.) Leachate seeps on the north slope of the landfill had flowed into stormwater swales which led to the onsite stormwater sedimentation pond, and to Minister Creek, a water of the Commonwealth. This is contrary to 25 Pa. Code §§ 273.272(a), 101.2, and 101.3, and constitute unpermitted disposal of hazardous waste pursuant to 25 Pa. Code §270.1(a).
- E. A Department Order issued to B.S.D. on March 22, 1995, cited B.S.D.'s failure to maintain two feet of freeboard in the hazardous waste surface impoundment used for the collection of raw, untreated leachate thereby causing, and continuing to threaten to cause, an unpermitted discharge of leachate onto and into the surface of the ground and waters of the Commonwealth, a violation of 25 Pa. Code \$\$265.222, 101.2, 101.3(a), and 35 PS \$\$6018.401(a). This condition constitutes a public nuisance pursuant to 35 PS \$6018.601, and constitutes unlawful conduct pursuant to 35 PS \$6018.403 (b) (9), 6018.610 (1), (2), (4) and (9), and 35 PS \$691.611.
- F. The Department's March 22 Order required B.S.D. to achieve and maintain a minimum freeboard of two feet in the leachate surface impoundment within 24 hours of service of the order. Department inspections conducted on March 23, April 3, April 13, April 19, April 25, May 2, and May 4, 1995 revealed that compliance with the Department's March 22 Order had not been attained. Two feet of freeboard was not attained in the raw leachate lagoon. This is contrary to 35 P.S. § 6018.603.

The activities and conditions described in paragraphs A through F above constitute a public nuisance pursuant to 35 P.S. §§ 691.307(c), 691.503, and 6018.601, constitutes unlawful conduct pursuant to 35 P.S. §§6018.403(a), (b)(9), (b)(11), 610(1), (4), (9), and §691.611, subjects the offender to forfeiture of the bond pursuant to 35 P.S. §6018.505(d), and subjects the offender to civil penalty liability pursuant to 35 P.S. §6018.605.

These violations have existed for an extended period of time, and B.S.D. has failed to correct them as requested in Administrative meetings between the Department and B.S.D., on December 11, 1992 and November 22, 1994; as requested in Notices of Violation dated January 4, and September 7, 1994; as requested in inspection reports dated August 18, 1993, and July 26, 1994; and as requested in the March 22, 1995 Order.

In order to come into compliance with the SWMA, the CSL, the regulations promulgated thereunder, and the conditions of the Department's Solid Waste Permit No. 100550, the following corrective actions are recommended:

- 1. B.S.D. should immediately resume groundwater monitoring of the monitoring wells located at the landfill. Quarterly monitoring should be reported on the enclosed Form 19 Subtitle D. Analytical results of the groundwater sampling should be forwarded to the Department's Waste Management Program to the attention of the Solid Waste Operations Manager, 555 North Lane, Suite 6010, Conshohocken, Pa 19428.
- 2. B.S.D. should immediately achieve and maintain a minimum freeboard of two feet in the raw, untreated hazardous waste leachate surface impoundment.
- 3. B.S.D. should prepare and submit a written closure plan which addresses the following:

- a. Capping the uncapped portions of the landfill,
- b. Closure of the raw leachate surface impoundment in conjunction with the implementation of the use of storage tanks for the pretreatment storage of raw leachate,
- c. An evaluation of the adequacy and effectiveness of the existing gas management system, and
- d. An evaluation of the adequacy and effectiveness of the existing stormwater management system.
- 4. B.S.D. should ensure that all monitoring wells located at the landfill are fitted with locked caps and identification numbers.

Individual owners of Boyertown Landfill, whether they be corporate officials or individuals, may be responsible to ensure that the prescribed corrective actions be taken. If the bond is declared forfeited by the Department, the owners and/or corporate officers may be individually responsible for civil penalties resulting from the violations.

Unless the violations set forth above are corrected within thirty (30) days, the Department may take action to declare a forfeiture of the bond under the provisions of Section 505(d) of the SWMA. Declaration of Bond Forfeiture may cause suspension of your Waste Management permit and may cause other existing permits or certifications to be suspended or revoked.

This document is intended as a Notice. It is not intended to make factual or legal determinations, nor is it intended to be a final Department action.

If you have any questions, please contact me at the number above.

Sincerely

Ronald C. Furlan, P.E.

Regional Solid Waste Manager Southeast Regional Office

cc: Division of Enforcement, C.O.
Certif., Licensing, and Bonding
MidLantic Bank
Kenneth Gelburd, Esquire
Mr. Bruce Beitler
Mr. Robert France
Mr. Robert Bauer
Douglass Township
John Bradley, Esquire

2540-PM-LRWM0041 7/95



# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

Coordination #

### **FORM 19**

# MUNICIPAL WASTE LANDFILL QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

		DER USE ONLY	A PARTY
This form must be fully and accurately completed.  All required information must be typed or legibly printed in the spaces provided herein.  Application or Facility ID#			
SECTION A. APPLICANT IDENTIFIER	<u></u>		<del></del>
Applicant's Name			<u> </u>
SECTION B. FACILITY INFORMATION			
General Reference: Section 273.284 Federal Regulations, Subtitle D: 258.54 and Append	ix I to Part 258.		
Monitoring wells must be designed and constructed in accordance with Depa TO THE NEAREST ONE TENTH OF A SECOND (DO° MM' SS.S°).  Facility Name:			LONGITUDE
	WellSpri	ngStreamOther	
_	Upgradient _	Downgradient	
Location: County Mu	nicipality:		
Sampling Point: Latitude: * Lor	ngitude:	··	
Depth to Water Level:ft. Me		Land SurfaceTOC	
Casing stick op.		r Level: ft./MSL	
Sampling Depth.		Column	
Well Purged:YesNo .Sa	mpling Metho	:PumpedBailed	Grab
Sample rintered:		ged:	
Spring rlow rate.		microns	
Sample Date (mm/dd/yy) Sa	mple Collectio	n Time:	<del></del>
Sample Collector's Name: ,			<del></del>
Sample Collector's Affiliation:		· · · · · · · · · · · · · · · · · · ·	<del></del>
Laboratory Performing Analysi≤:	<u> <del></del></u>		<del></del>
Lab Sample Number:	ib Analysis Dat	e:	
Commeng:			

I.D. No.		• #
Monitoring P	oint No	
Sample Date		

### **FORM 19** QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

#### **ANALYTES**

Inorganics (Enter all data in mg/l except as noted)

STO	DRET NO.	ANALYTE		VALUE <sup>†</sup>	ANALYSIS METHOD NUMBER
1.	(00610)	Ammonia-Nitrogen			
2.	(00340)	Chemical Oxygen Demand			
3.	(00940)	Chloride	•		
4.	(00980)	iron (µg/l)	Totai		
5.	(01123)	Manganese (µg/l)	Total	·	·
6.	(00620)	Nitrate-Nitrogen			,
7. 8.	(00403)	pH (standard units)	* Field * Laboratory		·
9.	(00923)	Sodium	Total		
10. 11.	(00095)	Specific Conductance (µmhos/cm)	* Field * Laboratory		
12.	(00680)	Total Organic Carbon	•		
13.	(32730)	Total Phenolics (µg/l)			
14.	(82079)	Turbidity (NTU) ●			

- Indicator Analyte For comparison with detection zone analytes.
   Please indicate detection limit if analyte is not detected.
- If greater than 5.0 NTU, explain cause.

I.D. No.	
Monitoring Point No.	
Sample Date	

# FORM 19 QUARTERLY AND ANNUAL WATER QUALITY ANALYSES

### 2. Organics (Enter all data in µg/l)

STO	RET NO.	ANALYTE		VALUE	ANALYSIS METHOD NUMBER
15.	(78124)	Benzene	h		
16	(77651)	1,2-Dibromoethane	h		·
17.	(34496)	1,1-Dichloroethane	h'	2.20	
18.	(34501)	1,1-Dichloroethene	h		
19.	(34531)	1,2-Dichloroethane	h		
20.	(77093)	Cis-1,2-Dichloroethene	h		
21.	(34546)	Trans-1,2-Dichloroethene	h.		
22.	(34371)	Ethyl Benzene	h		
23.	(34423)	Methylene chloride	h		
24.	(34475)	Tetrachloroethene	h		
25.	(78131)	Toluene	h		
26.	(34506)	1,1,1,-Trichloroethane	ĥ		
27.	(39180)	Trichloroethene	h	·	
28.	(39175)	Vinyl chloride	h		
29	(81551)	Xylen <b>e</b>	h		

h - analytes subject to periodic statistical analyses.

. 3 .

I.D. No.		16
Monitoring Po	int No.	·
Sample Date		

1. Inorganics (Enter all data in mg/l)

STORET NO.	ANALYTE	VALUE	ANALYSIS METHOD NUMBER
30. (00951)	Fluoride		
31. (00945)	Sulfate		
32. (00410)	Total Alkalinity		

2. Metals (Enter all data in µg/l) If initial background analyses or four consecutive annual analyses show essentially identical (within 5%) dissolved and total analyses, dissolved analyses are not required.

STO	RET NO.	ANALYTE		VALUE	ANALYSIS METHOD NUMBER
33.	(00978)	Arsenic, Total	h		
<del>34.</del>	(01000)	Arsenic, Dissolved			
<del>35.</del>	(01009)	Barium, Total	h		
36.	(01005)	Barium, Dissolved			
<del>37.</del>	(01113)	Cadmium, Total	h		
38.	(01025)	Cadmium, Dissolved			
39.	(01118)	Chromium, Total		•	
40.	(01030)	Chromium, Dissolved			
41.	(01119)	Copper, Total			
42.	(01040)	Copper, Dissolved			
43.	(01114)	Lead, Total	h		
44.	(01049)	Lead, Dissolved			
45.	(00921)	Magnesium, Total			
46.	(00925)	Magnesium, Dissolved			
47.	(71901)	Mercury, Total	h		
48.	(71890)	Mercury, Dissolved			
49.	(00939)	Potassium, Total			
50.	(00935)	Potassium, Dissolved			
51.	(00981)	Selenium, Total	h		
52.	(01145)	Selenium, Dissolved			
53.	(01079)	Silver, Total	h		
54.	(01075)	Silver, Dissolved			
55.	(01094)	Zinc, Total			
56.	(01090)	Zinc, Dissolved			

h - analytes subject to periodic statistical analyses.

I.D. No.	
Monitoring Po	nt No
Sample Date	

3. Organics (Enter all data in µg/l)

Organics (Enter all data in µg/I)  STORET  NO. ANALYTE		VALUE	ANALYSIS METHOD NUMBER
57. (32104) Bromoform (Tribromomethane)	h		
58. (34413) Bromomethane (Methyl Bromide	e) h		
59. (32102) Carbon tetrachloride	h		
60. (34301) Chlorobenzene	h h		
61. (34311) Chloroethane (Ethyl Chloride)	h		
62. (32105) Dibromochloromethane (Chlorodibromomethane)	h		
63. (34418) Methyl Chloride (Chloromethane)	ħ		
64. (78109) 3-Chloro-1-propene	h		
65. (34536) 1,2-Dichlorobenzene (o-Dichlorobenzene)	h		
66. (34566) 1,3-Dichlorobenzene (m-Dichlorobenzene)			
67. (34571) 1,4-Dichlorobenzene (p-Dichlorobenzene)	h		
68. (34668) Dichlorodifluoromethane			<u> </u>
69. (34531) x, y-Dichloropropane (Propylene Dichloride)	, h		
70. (34704) Cis-1, 3-Dichloropropene	, h		
71. (34699) Trans-1, 3-Dichloropropene	h		
72. (81595) Methyl Ethyl Ketone (2-Butano	ne) h		<del> </del>
73. (78133) 4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	<sub>r</sub> .h		
74. (77562) 1,1,1,2-Tetrachioroethane	h		<del> </del>
75. (34516) 1,1,2,2-Tetrachloroethane	h		
76. (34511) 1,1,2-Trichloroethane	h		<u> </u>
77. (34488) Trichlorofluoromethane (CFC-		<del></del>	
78. (77443) 1,2,3-Trichloropropane	h		

h - analytes subject to periodic statistical analyses.

. 5

		,
I.D. No		
Monitoring Po	int No	· · ·
Sample Date		

When the MCL of any VOC is exceeded in the detection zone Form 50 monitoring, the following analytes must be monitored quarterly in the groundwater monitoring wells.

SUBTITLE D - Detection Zone Add-On List - Required only when Form 50 detection zone concentrations exceed MCLs.

31111	E O - Detect	ion Zone Add-On List - Required only when For		VALUE	ANALYSIS METHOD NUMBER
STORET NO.		ORGANICS			
79.	(81552)	Acetone	<u>h</u>		
30.	(34215)	Acrylonitrile	<u> </u>		
81.	(73085)	Bromochloromethane (Chlorobromomethane)	h		
82.	(32101)	Bromodichloromethane (Dichlorobromomethane)	h		
83.	(77041)	Carbon Disulfide	h		
84.	(32106)	Chloroform (Trichloromethane)	h		
85.	(38437)	1,2-Dibromo-3-Chloropropane (D8CP)	h		
86.	(77268)	trans-1,4-Dichloro-2-Butene	h		
87.	(77103)	Methyl butyl ketone (2-Hexanone)	h		
88.	(77956)	Methylene bromide (Dibromomethane)	h		
	(77424)	Methyl lodide (lodomethane)	h		
89.	(81708)	Styrene	h		
90. 91.		Vinyl Acetate	h		

#### **METALS**

		METALS	
92.	(01268)	Antimony, Total	h
93.	(00998)	Beryllium, Total	h
94.	(00979)	Cobalt, Total	h
95.	(01074)	Nickel, Total	h
96.	(00982)	Thallium, Total	h
97.	(00985)	Vanadium, Total	h

h - analytes subject to periodic statistical analyses.

2540	-PM-	LRWM	0041	7/95

I.D. No			
Monitoring Point No.			
Sample Date			

#### 4. Qualitatively Identified Organic Compounds

List at least ten volatile organic compounds not otherwise identified in this section. Their identification should be based upon those compounds showing the greatest apparent concentration from the peaks of a mass spectrum of each sample. These ten compounds shall be identified but the concentration of each is not required. STORET number of constituent need not be indicated as part of report submission.

STORET No.	Constituent
·	

P<sub>es</sub>ent

- Leon Kuchinski
   Cheif, Division of Hazardous Waste Management
   Bureau of Land Recycling and Waste Management
   Rachel Carson State Office Building
   P.O. Box 8471
   Harrisburg, PA 17105-8471
- Ms. Kathey Keyes
   Division of Certification, Licensing and Bonding
   1st Floor, Room 102
   Rachel Carson State Office Building
   Harrisburg, PA 17105-2063
- MidLantic Bank N.A.
   Trade Service Operations
   Metro Park Plaza
   499 Thornall Street
   Edison, NJ 08837

Attn: Mr. Todd Ridley

- 4. Douglass TownshipBoard of Supervisors1320 East Philadelphia Ave.Gilbertsville, PA 19525
- John Bradley, Esquire Rhoda, Stoudt and Bradley 6th Floor the Birkshire 501 Washington Street Box 877 Reading, PA 19603-0877

#### INTEROFFICE MEMORANDUM

Date:

28-Mar-1995 10:45am EST

From:

Carol Sharp SHARP CAROL

Dept: Tel No: Waste Management (215) 832-6191

TO: SE GWR Gov. Weekly Report WM/ECP SE ( GWR.SE )

Subject: Boyertown Landfill

Boyertown Sanitary Disposal Co. Landfill - Douglass Township, Montgomery County:

On Wednesday, March 22, 1995, Waste Management staff issued a Field Compliance Order to Mr. Warren K. Frame at his Contracting business located in Glenmoore, Chester County. The order outlined hazardous waste violations observed at the Boyertown Sanitary Disposal Co. Landfill located at 300 Merkel Road, Gilbertsville, Douglass Twp., Montgomery County. These violations included the failure to maintain two feet of freeboard in the hazardous waste surface impoundment used for the collection of raw, untreated, leachate. The violation resulted from Mr. Frame's failure to conduct sample analysis of the treated leachate and provide the results to the Berks Montgomery Municipal Authority who would then accept the treated leachate.

Mr. Frame and Boyertown Sanitary Disposal Company were ordered to achieve and maintain a minimum freeboard of two feet in the raw, untreated hazardous waste leachate surface impoundment within 24 hours of receipt of the Order. Although compliance with the Order was not achieved, an effort was made to comply which resulted in the achievement of a few inches of freeboard, thereby ceasing the spill. Further enforcement action is being considered in order to avoid the recurrence of this violation.



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

- Please note our new name -

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP

Suite 6010 Lee Park 555 North Lane Conshohocken, PA 19428 August 30, 1995

Certified Return Receipt # 2408514059

(610)832-6212 Fax:(610)832-6259

Southeast Regional Office Waste Management Program

### NOTICE OF INTENT TO FORFEIT BOND

#### NOTICE OF VIOLATION

Mr. Warren Frame President Boyertown Sanitary Disposal Co., Inc. 1205 Pottstown Pike Glenmoore, PA 19343

RE: Irrevocable Letter of Credit # 79478,
dated Sept. 3, 1987
Held by Boyertown Sanitary Disposal
Co., Inc.
PAD048603005
Boyertown Landfill
300 Merkel Road
Gilbertsville

Montgomery County

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- B. Locking caps and identification numbers were observed to not be in place on two groundwater monitoring wells located on the landfill, contrary to 25 Pa. Code §§ 265.91(d), and 273.283(b)(4) and (6). In particular, an unlabelled and unlocked well was observed located on the north side of the landfill's leachate treatment plant, and monitoring well #9 was observed to have no lock.
- 50022 DSE 2 3/17/95
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- 50024 DLP 1 03/17/95
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NEW 1

NEW 2

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- a. Capping the uncapped portions of the landfill,
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- d. An evaluation of the adequacy and effectiveness of the existing stormwater management system.
- 4. B.S.D. should ensure that all monitoring wells located at the landfill are fitted with locked caps and identification numbers.

Individual owners of Boyertown Landfill, whether they be corporate officials or individuals, may be responsible to ensure that the prescribed corrective actions be taken. If the bond is declared forfeited by the Department, the owners and/or corporate officers may be individually responsible for civil penalties resulting from the violations.

Unless the violations set forth above are corrected within thirty (30) days, the Department may take action to declare a forfeiture of the bond under the provisions of Section 505(d) of the SWMA. Declaration of Bond Forfeiture may cause suspension of your Waste Management permit and may cause other existing permits or certifications to be suspended or revoked.

This document is intended as a Notice. It is not intended to make factual or legal determinations, nor is it intended to be a final Department action.

If you have any questions, please contact me at the number above.

Sincerely, -

Ronald C. Furlan, P.E. Regional Solid Waste Manager Southeast Regional Office

cc: Division of Enforcement, C.O.
Certif., Licensing, and Bonding
MidLantic Bank
Kenneth Gelburd, Esquire
Mr. Bruce Beitler
Mr. Robert France
Mr. Robert Bauer
Douglass Township
John Bradley, Esquire